

CLAIMS:

1. An optical recording medium comprising a substrate, a light transmission layer and a plurality of recording layers between the substrate and the light transmission layer and capable of recording data
5 in the plurality of recording layers and reproducing data recorded in the plurality of recording layers by projecting a laser beam via the light transmission layer onto the plurality of recording layers, at least one recording layer other than a farthest recording layer from the light transmission layer including a reflective film containing Ag as a primary
10 component and C as an additive.
2. An optical recording medium in accordance with Claim 1, wherein each of the plurality of recording layers contains a phase change material.
- 15 3. An optical recording medium in accordance with Claim 1, wherein each of the plurality of recording layers includes a first recording film containing one kind of element selected from the group consisting of Si, Ge, Sn, Mg, C, Al, Zn, In, Cu and Bi as a primary component and a second recording film disposed in the vicinity of the first recording film and
20 containing one kind of element from the group consisting of Cu, Al, Zn, Si and Ag and different from the element contained in the first recording film as a primary component and the element contained in the first recording film as a primary component and the element contained in the second recording film as a primary component are mixed when the first
25 recording film and the second recording film is irradiated with a laser beam, thereby forming a record mark.
4. An optical recording medium in accordance with Claim 2, wherein

the reflective film included in the at least one recording layer contains 0.5 atomic % to 5.0 atomic % of C.

5. An optical recording medium in accordance with Claim 3, wherein
5 the reflective film included in the at least one recording layer contains 0.5 atomic % to 5.0 atomic % of C.

6. An optical recording medium in accordance with Claim 4, wherein
the reflective film included in the at least one recording layer contains 1.0
10 atomic % to 4.0 atomic % of C.

7. An optical recording medium in accordance with Claim 5, wherein
the reflective film included in the at least one recording layer contains 1.0
atomic % to 4.0 atomic % of C.

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8. An optical recording medium in accordance with Claim 6, wherein
the reflective film included in the at least one recording layer contains
about 2.5 atomic % of C.

20 9. An optical recording medium in accordance with Claim 7, wherein
the reflective film included in the at least one recording layer contains
about 2.5 atomic % of C.

10. An optical recording medium in accordance with Claim 8, wherein
25 the light transmission layer has a thickness of 30 μm to 200 μm .

11. An optical recording medium in accordance with Claim 9, wherein
the light transmission layer has a thickness of 30 μm to 200 μm .